CLIMATE

Remote control your Mercedes

cliMATE ® Generic Installation Manual

Contents

3 Getting started
5 Installation instructions
6 Testing the installation

Carbon Monoxide warning

Never run the vehicle in an enclosed area or area without proper ventilation. Running engine produces dangerous gas byproduct Carbon Monoxide. When parking in such an area, the remote starting capability must be disabled by turning off the cliMATE power switch. It is the user's responsibility to properly handle and keep out of reach from children all ignition keys and remote transmitters to prevent the unintentional start of the vehicle. THERE MUST BE A CARBON MONOXIDE DETECTOR IN THE LIVING AREA ADJACENT TO THE VEHICLE. ALL DOORS LEADING FROM LIVING AREAS TO THE VEHICLE STORAGE AREA MUST AT ALL TIMES REMAIN CLOSED.

Servicing your Mercedes

When having the vehicle serviced, always disable the remote start by turning off the cliMATE power switch. This will not only prevent the possible missdiagnosing the vehicle electronic system by the technician, but also prevent possible accidental remote starts while somebody is working on the vehicle.

Warranty and Return Policy

The up to date policy is online at:

www.mbclimate.com/manuals/cliMATE_warranty.pdf

Getting Started

Welcome

Welcome to the growing fan base of Comfort Electronics.

We are committed to delivering top quality innovative products that increase the Comfort in your life.

We tried to make this manual as easy as possible, read it first to shorten your time needed for installation.

The cliMATE® module you just purchased is a very intelligent multiprocessor unit with many surprising functions, typically not found in other units. Our work is our love, so we pay attention to the smallest details.

We know you love your Mercedes like we do. That is why there is no wire cutting required for this installation. Start by unplugging your ignition key unit, plug our module between your ignition key unit and the original harness… done.

If for some reason you need to put it all back to the original state, no problem, just unplug and plug some connectors… done.

Please visit us online at www.mbclimate.com for latest information or additional questions.

The concept explained

No one wants to enter their hot or freezing Mercedes. It can take 15 minutes for the temperature inside to become comfortable.

The solution is to Remote Control your Mercedes cliMATE®. Our cliMATE® module enables the Mercedes climate to run even though there is no ignition key inserted.

We know that without cliMATE® the temperature in your car will be so unpleasant that you might ask your stunt double to start the car for you. (If you want to see what we mean, check out our short Art Film online).

It is very convenient to remote start your Mercedes climate and have no need to carry anything extra in your pocket - just use your existing Mercedes Smartkey.

Because it has no dedicated button to activate the cliMATE®, we had to come up with an alternative: a Smartkey button-pressing sequence. Just click Lock – Unlock – Lock buttons in a sequence; or just click the red Panic button if your key has one. The engine will start running, which will turn on your climate control unit to the last setting.

Using cliMATE® is perfectly safe and no security is breached. The doors remain locked, the steering wheel remains locked and the shifting in automatic transmission will remain disabled. The car cannot be driven until the original key is in the ignition and turned to RUN position.

What is in the package

This cliMATE® package contains everything you need to remotely activate your Mercedes climate control unit, whether you want to cool or heat your vehicle before you enter. In the package you will find:

- cliMATE® module (the heart of the system)
- cliMATE® connection harness with a power switch
- Ignition Switch Removal Tool (our design, original available only from the dealer for about $85)
- cliMATE® Bypass Plug (our invention - by plugging this instead of cliMate® module, your Mercedes will function like from the factory WITHOUT THE NEED OF REMOVING OUR HARNESS, see more info in the cliMATE® User Manual)

Required tools

Additionally, depending on the vehicle, you might need some of the following tools:

- Medium Philips screwdriver
- T20, T25 and T30 Torx drivers
- 10mm socket and driver with an extension
- Flashlight
- Panel removal tool (or wooden spatula from your kitchen)

If you have access to a Mercedes diagnostic tool, we recommend that you read and reset all diagnostic faults before any installation work, in the case there are some existing problems with the vehicle. That way you will be assured that the cliMATE installation didn't cause them. We would also reset all diagnostic faults after the installation.

Installation concept

The installation takes approximately 20 to 90 minutes, depending on the Mercedes model:

- Gain access to the Mercedes ignition switch
- Unplug the factory harness from the ignition switch, and…
- … plug the same factory harness into cliMATE® module
- Plug the cliMATE® connection harness into the ignition switch
- Reinstall the ignition switch

In short, the cliMATE® module is plugged between the Mercedes ignition switch and its harness.

One must be handy and used to work with basic tools in order to install cliMATE®. If you like to tinker with cars or if you can assemble IKEA furniture, you are qualified for the job. Otherwise we recommend that you seek a professional technician or car alarm installer.

Installation instructions

This generic installation manual is valid for all Mercedes models. Please visit us online at www.mb-climate.com for latest information or additional questions. We are updating model specific manuals regularly.

The best way to contact us is via our Help Desk at www.mbclimate.com:

1 ***Once you gain access to the Mercedes ignition switch,***

the installation steps are the same regardless of the Mercedes model. With some Mercedes models it is very simple and literaly takes only few minutes, with others it takes more labor because the whole center console must be taken apart in order to reach the ignition switch.

2 *Now that you have access to the ignition switch, notice, that there are several harnesses attached to it.*

These harnesses have to be disconnected and the cliMATE® harness mus be plugged in-between the original connection.

3 *In other words, the original Mercedes harness must be plugged into the cliMATE® harness included in your kit.*

Next plug the cliMate® harness connectors into Mercedes ignition switch. The electrical connections are now complete and the vehicle will work the same as from the factory.

Make sure you still have the cliMATE® Bypass Plug on the other loose end of the cliMATE® connection harness. If not, please plug it in, otherwise the next installation test will fail.

Testing the installation

Test the cliMATE connection harness installation

Start the vehicle with the ignition key as usual. After it starts, turn the engine off and remove the ignition key.

If it started, it means that you have installed the cliMATE® connection harness properly and you are ready to proceed to install the electronics of the cliMATE® system.

In the case the Mercedes didn't start:

- please make sure that all the connectors are firmly plugged in place. The cliMATE® connection harness has to be plugged in between the Mercedes ignition switch and the original factory harness.
- if still not starting, please verify that the cliMATE® Bypass Plug is plugged in at the end of cliMATE® connection harness.
- if still not starting, please unplug the cliMATE® connection harness and reinstall the factory harness into the Mercedes ignition switch as it was originally. If it starts now, your cliMATE® cable might be defective. Just to make sure, try to install it one more time.

Test the cliMATE module

Unplug the cliMATE® Bypass Plug from the loose end of cliMATE® connection harness and replace it with the cliMATE® module.

Make sure that the cliMATE® power switch is ON (position '1') and that it is connected to the cliMATE® connection harness. Start the vehicle with the Mercedes ignition key (Smartkey) as usual and wait for at least 20 seconds. During this time the cliMATE® module will pair with your Mercedes.

Turn off the engine and remove the Smartkey. Holding it in your hand, test the remote start functionality:

- if your Smartkey has red Panic button: Shortly click the Red Panic button.
- if you do not have the Panic button: click Lock - then Unlock - then Lock buttons in a sequence

The engine should start in a few seconds. If yes, skip remainder of this page and proceed to the next section.

In the case the Mercedes didn't start:

When remote starting, the cliMATE® might encounter errors, like the engine hood is not closed. In such a case instead of starting the engine, it flashes the parking lights to indicate an error. Please count the flashes and consult the cliMATE User Manual.

Just to make sure, please verify the cliMATE® power switch is ON and start the Mercedes again with the key in the Mercedes ignition and let it run for 1 minute. Stop the engine and remove the Smartkey from the ignition. Try to remote start again.

Install the cliMATE power switch

Decide where you want to mount the cliMATE power switch. We recommend to drill a hole in the bolster cover, but many customers choose to leave it sticking out between the cover and the carpet.

Assemble it all back together and you are done. Congratulations!